

### EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	11780	(375/299,347,295,316,130,141,144,143,146,340,262,341,152,147,148).cds. select\$4 near4 matrix with (linear or transform\$6) (455/39,101,132,137).cds.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/05/30 02:14
L2	2878	select\$4 near4 matrix with (linear or transform\$6)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/05/30 02:15
L3	14	(375/299,347,295,316,130,141,144,143,146,340,262,341,152,147,148).cds. and select\$4 near4 matrix with (linear or transform\$6)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/05/30 02:14
L4	10	(375/299,347,295,316,130,141,144,143,146,340,262,341,152,147,148).cds. and select\$4 near4 matrix with (linear or transform\$6) and (plurality or multiple) near4 (plurality or multiple) near4 (transmit\$4 and receiv\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/05/30 02:16
L5	1	(455/39,101,132,137).cds. and select\$4 near4 matrix with (linear or transform\$6) and plurality near4 transmit\$4 and receiv\$4	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/05/30 02:15
L6	1	(370/208,335,342,441,203).cds. and select\$4 near4 matrix with (linear or transform\$6) and plurality near4 transmit\$4 and receiv\$4	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/05/30 02:16
L7	0	(375/259).cds. and select\$4 near4 matrix with (linear or transform\$6) and (plurality or multiple) near4 (transmit\$4 and receiv\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/05/30 02:17
L8	1	(370/320,321,337).cds. and select\$4 near4 matrix with (linear or transform\$6) and (plurality or multiple) near4 (transmit\$4 and receiv\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/05/30 02:17
S1	2367	select\$4 with channel with estimat\$4	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/05/28 09:25
S2	971	select\$4 with channel adj estimat\$4	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/05/28 09:25

### EAST Search History

S3	126	select\$4 with channel adj estimat\$4 same modulat\$4	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/05/28 09:25
S4	126	select\$4 with channel adj (impulse\$3 or estimat\$4) same modulat\$4	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/05/28 09:26
S5	25	select\$4 with channel adj (impulse\$3 or estimat\$4) same modulat\$4 and @ad<"20010303"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/05/28 09:27
S6	1	select\$4 with channel adj (impulse\$3 or estimat\$4) same multip\$4 same modulat\$4 and @ad<"20010303"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/05/28 09:29
S7	48	select\$4 with channel adj (impulse\$3 or estimat\$4) same multip\$4 and @ad<"20010303"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/05/28 09:29
S8	37	select\$4 with channel adj (impulse\$3 or estimat\$4) same multip\$4 and modulat\$4 and @ad<"20010303"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/05/28 11:27
S9	4	("5442655"   "5457704"   "6289048"   "6337888").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/05/28 09:41
S10	5	("5442655"   "5457704"   "6269131"   "6504884"   "6717995").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/05/28 10:41
S11	905	select\$4 with matrix\$3 same multip\$4 and modulat\$4 and @ad<"20010303"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/05/28 11:27
S12	418	select\$4 with matrix\$3 with multip\$4 and modulat\$4 and @ad<"20010303"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/05/28 11:27
S13	10	select\$4 with matrix\$3 with linear with multip\$4 and modulat\$4 and @ad<"20010303"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/05/28 11:27
S14	890	select\$4 with matrix same modulat\$4 and @ad<"20010303"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/05/29 22:15

### EAST Search History

S15	418	select\$4 with matrix with modulat\$4 and @ad<"20010303"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/05/29 22:15
S16	8	select\$4 with matrix with linear with modulat\$4 and @ad<"20010303"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/05/29 22:16
S17	121	select\$4 near4 matrix with modulat\$4 and @ad<"20010303"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/05/29 22:16
S18	5	select\$4 near4 matrix with (linear or transform\$4) with modulat\$4 and @ad<"20010303"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/05/29 22:19
S19	1	select\$4 near4 matrix with (linear or transform\$4) same channel same modulat\$4 and @ad<"20010303"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/05/29 22:19
S20	6	select\$4 near4 matrix with (linear or transform\$4) same channel and modulat\$4 and @ad<"20010303"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/05/29 22:25
S21	4	select\$4 near4 matrix with (linear or transform\$4) and channel with estimat\$4 and modulat\$4 and @ad<"20010303"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/05/29 22:56
S22	4	select\$4 near4 matrix with (linear or transform\$4) and channel with estimat\$4 and multip\$4 and modulat\$4 and @ad<"20010303"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/05/30 00:03
S23	1	("65560291").PN. and (plurality or multiple)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/05/29 23:12
S24	757	(multiple adj input adj multiple adj output or mimo or plurality near4 (transmit\$4)) and select\$4 near3 (matrix)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/05/29 23:13
S25	12	(multiple adj input adj multiple adj output or mimo or plurality near4 (transmit\$4)) and select\$4 near3 (matrix) with linear (plurality near4 transmit\$4) and multipath	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/05/29 23:22
S26	3979	(plurality near4 transmit\$4) and multipath	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/05/29 23:23

### EAST Search History

S27	279	(plurality near4 transmit\$4) and multipath and select\$4 with matrix	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/05/29 23:23
S28	173	(plurality near4 transmit\$4) and multipath and select\$4 near4 matrix	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/05/29 23:23
S29	11	(plurality near4 transmit\$4) and multipath and select\$4 near4 matrix with modulat\$4	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/05/29 23:23
S30	8	(plurality near4 transmit\$4) and multipath and select\$4 near4 matrix with (linear or transform\$6)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/05/30 02:13
S31	6	("4646096"   "4751512"   "4797677"   "51554907"   "5202829"   "5225842").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/05/29 23:24
S32	10	("20020027985"   "20020037061"   "5907922"   "5982813"   "6122269"   "6198775"   "6219341"   "6240099"   "6831574").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/05/29 23:25
S33	1	S32 and select\$4 with matrix	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/05/29 23:40
S34	0	("6560291").PN. and transform\$4	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/05/29 23:40
S35	0	("6560291").PN. and transform	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/05/29 23:40
S36	7329	select\$4 near4 matrix with (linear or transform\$4) with feedback and channel with estimat\$4 and @ad<"20010303"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/05/30 00:04
S37	0	select\$4 near4 matrix with (linear or transform\$4) with feedback and channel with estimat\$4 and @ad<"20010303"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/05/30 00:04
S38	0	select\$4 near4 matrix with (linear or transform\$4) same feedback and channel with estimat\$4 and @ad<"20010303"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/05/30 00:04

**EAST Search History**

S39	6	select\$4 near4 matrix with (linear or transform\$4) and receiver and transmitter and channel with estimat\$4 and @ad<"20010303"	US-PPGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/05/30 00:04
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